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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Pocket No. AUS920010314US1

Assistant Commissioner for Patents  
Washington, D.C. 20231

Assignee Name: International Business Machines Corporation  
Assignee Residence: Armonk, New York

Sir:

Transmitted herewith for filing is the patent application of Inventor(s):  
**UTTAM SHYAMALINDU GHOSHAL**

For: **INTEGRATED QUANTUM COLD POINT COOLERS**

Assignee Name: International Business Machines Corporation  
Assignee Residence: Armonk, New York

Enclosed are also:

- ☒ 29 Pages of Specification including an Abstract
- ☒ 4 Pages of Claims ( Claims 1 - 19 )
- ☒ 19 Sheet(s) of Drawings
- ☒ A Declaration and Power of Attorney
- ☒ Form PTO 1595 and assignment of the invention to IBM Corporation

**CLAIMS AS FILED**

FOR	Number Filed		Number Extra		Rate		Basic Fee (\$740)
Total Claims	19	-20 =	0	X	\$ 18	=	\$0
Independent Claims	4	-3 =	1	X	\$ 84	=	\$84
Multiple Dependent Claims	0			X	\$280	=	\$0
<b>Total Filing Fee</b>							<b>= \$824</b>

- ☒ Please charge \$824 to IBM Corporation, **Deposit Account No. 09-0447.**
- ☒ The Commissioner is hereby authorized to charge payment of the following fees associated with the communication or credit any over payment to IBM Corporation, **Deposit Account No. 09-0447.** A duplicate copy of this sheet is enclosed.
- ☒ Any additional filing fees required under 37 CFR § 1.16.
- ☒ Any patent application processing fees under 37 CFR § 1.17.

Respectfully,

*Casimer K. Salys*  
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